

State Energy Components of the American Recovery and Reinvestment Act of 2009

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State Energy Program

Federal Recovery Act

\$3.1 billion nationally for state energy programs

- » Funds provided to state energy offices
- ▶ **N.C. State Energy Office to receive \$75.9 million**
 - » Application filed with federal Energy Department
 - » Energy Department approval no later than mid-July

Focus Areas

State Energy Program

Six focus areas for use of Recovery Act funds through the N.C. State Energy Program:

- » Support small business and industry through energy savings
- » Grow North Carolina's green workforce
- » Foster renewable energy technology and resource innovation
- » Improve energy efficiency in local and state government
- » Promote residential energy efficiency and renewable energy
- » Create and Energy Investment Revolving Loan Fund

Targeted Efforts

State Energy Program

North Carolina will work with strategic partners in the public and private sectors and coordinate with other revenue sources, including those provided through the federal Recovery Act, to maximize available resources and drive job creation

Targeted Efforts

State Energy Plan
Federal Recovery Act

- ▶ **Support small business and industry through energy savings (\$11.5 million)**
 - » Identify and implement energy saving measures in small business and industry
 - » Target “Main Street” communities
 - » Commercial renewable energy system grants
 - » Nonprofit energy management program

Targeted Efforts

State Energy Plan
Federal Recovery Act

- ▶ **Grow North Carolina's green workforce – “JobsNow” (\$8.85 million)**
 - » Continuing education for building code inspectors
 - » Workforce Development Initiative: Renewable energy, energy efficiency and alternative fuels technology training, using community colleges, the UNC system, high school and early college programs

Targeted Efforts

State Energy Plan
Federal Recovery Act

- ▶ **Create an energy investment Revolving loan fund (\$18 million)**

Low and/or no interest loans to support energy efficiency and renewable energy projects

- › Eligible parties include small businesses, industry, nonprofits, local governments, public schools, community colleges and state agencies and universities
- › Up to \$1 million with terms up to 20 years

Targeted Efforts

State Energy Plan
Federal Recovery Act

- ▶ **Improve government energy efficiency (\$9.5 million)**
 - » **Develop energy assessments and strategic energy plans**
 - » **Identified and new projects**
 - › 270 energy projects at state agencies, universities and community colleges can be deployed immediately
 - › Seek more proposals from public schools, local governments, and state agencies

Targeted Efforts

State Energy Plan
Federal Recovery Act

Promote residential energy efficiency and renewable energy (\$10 million)

- ▶ **Promote energy efficiency in new affordable housing (\$3 million)**
 - » “Energy Star” manufactured homes
 - » New affordable housing units
- ▶ **Energy audits and implementation for existing homes (\$7 million)**
 - » Matching funds and other incentives to owners of existing homes for energy audits and implementation of efficiency and renewable energy measures

Targeted Efforts

State Energy Plan
Federal Recovery Act

- ▶ **Foster renewable energy technology and resource innovation (\$13.5 million)**
 - » **Alternative fuels and biofuels development (\$3.5 million)**
 - › Partner with the N.C. Biofuels Center and others to award competitive grants for promising biofuels and alternative fuel projects
 - » **N.C. Green Business Fund (\$10 million)**
 - › Competitive grants for innovative energy projects

Energy Independence and Security Act of 2007

- ▶ Energy Efficiency and Conservation Block Grant Program:
 - » Reduce fossil fuel emissions
 - » Cut total energy use of eligible entities
 - » Improve energy efficiency in transportation, building and other sectors

Energy Efficiency and Conservation Block Grant

- ▶ **\$3.2 billion is provided nationally for the Energy Efficiency and Conservation Block Grant**
 - » This block grant program had not previously been funded
 - » Will be operated under the federal DOE Office of Weatherization and Intergovernmental Programs, Office of Energy Efficiency and Renewable Energy
- ▶ **\$400 million will be distributed through a competitive program among state, local and tribal entities.**

Energy Efficiency and Conservation Block Grant

- ▶ **\$2.8 billion remaining will be distributed:**
 - » 16% through the states to counties under 200,000 and municipalities under 35,000
 - » 12% directly to state energy offices for the State Energy Program
 - » 68% directly to 1,700 larger cities in the nation
 - » 2% for competitive program
 - » 2% available to tribes

\$58 Million to Cities & Counties

Asheville	\$804,700	Rocky Mount	\$ 572,100
Burlington	\$223,900	Wilmington	\$1,039,900
Cary	\$1,166,800	Wilson	\$ 214,900
Chapel Hill	\$ 554,900	Winston-Salem	\$ 2,262,000
Charlotte	\$6,780,100	<i>Buncombe</i>	\$ 624,800
Concord	\$638,800	<i>Cumberland</i>	\$ 590,700
Durham	\$2,173,600	<i>Davidson</i>	\$ 631,100
Fayetteville	\$1,652,900	<i>Gaston</i>	\$525,600
Gastonia	\$705,700	<i>Iredell</i>	\$645,100
Goldsboro	\$183,600	<i>Johnston</i>	\$636.200
Greensboro	\$2,554,900	<i>Mecklenburg</i>	\$649,500
Greenville	\$ 777,600	<i>Randolph</i>	\$578,200
Hickory	\$209,300	<i>Union</i>	\$751,800
High Point	\$998,600	<i>Wake</i>	\$3,030,300
Huntersville	\$175,100	<i>Cherokee Indians</i>	\$ 253,100
Jacksonville	\$781,600	State Energy Office	\$20,925,300
Kannapolis	\$170,300		
Raleigh	\$3,820,400		

Block Grant Funding for N.C.

- ▶ Funding for non-designated cities and counties: \$12,555,180
- ▶ Funding likely to be competitive
- ▶ Funding for State Energy Program: \$8,370,120

Block Grant Timeline

- Early June: Post draft application on *ncrecover.gov* website for public comment
- June 25: State Energy Office application due
- June 25: Directly funded city and county applications due.
- Energy secretary has up to 120 days to review and comment on applications.
- State Energy Office provides sub-grants no later than 180 days after Energy secretary approval.
- Funds must be obligated within 18 months.
- Performance period is 36 months.

Block Grant Awards

Special consideration for projects that promote and enhance the objectives of the Recovery Act, especially job creation, preservation, and economic recovery, in a expeditious manner.

Funds can be used with other spending as necessary to complete projects, but tracking and reporting must be separate.

No more than 10 percent of the grants can be used for administrative expenses.

Block Grant Program:

Use of Funds

- » **Develop and implement an energy efficiency and conservation strategy**
- » **Retain technical consultant services to assist in the development of such strategies**
- » **Conduct residential and commercial energy audits**
- » **Establish financial incentive programs for energy efficiency improvements**

Block Grant Program:

Use of Funds

- » Provide grants to nonprofits and government agencies for energy efficiency renovations
- » Implement energy efficiency programs for buildings within the appropriate jurisdiction
- » Implement programs to conserve energy used in transportation
- » Develop building code and inspection services that promote energy efficiency

Block Grant Program:

Use of Funds

- ▶ Install energy distribution technologies that significantly increase energy efficiency
- ▶ Increase participation and efficiency of material conservation programs
- ▶ Use technologies that reduce, capture and use methane from landfills and similar sources
- ▶ Replace traffic signals and street lighting with more energy efficient lighting technologies
- ▶ Install renewable energy technology on government buildings to generate electricity

Block Grant Program:

Required Efficiency Strategy

- ▶ Submit an energy efficiency strategy with the application or within 120 days of grant award
- ▶ Strategy must be approved by the Energy Department
- ▶ Report energy efficiency gains and status of the strategy annually



Energy Star Appliance Rebate Program

- ▶ **\$300 million nationally for state energy offices for rebates to consumers to encourage the purchase Energy Star rated appliances.**
 - » **Program has not previously been funded**
- ▶ **50% match required**
- ▶ **Awaiting guidance from Department of Energy**

Preparation

- ▶ Forklift ready
- ▶ Focus on job creation, energy savings, jobs, renewable energy generated, jobs, petroleum displaced, jobs and emission reductions
- ▶ Organize to develop local conservation strategy

Contact Information

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